



Associate Professor. Leyre BRIZUELA MADRID

Institut de Chimie et de Biochimie Moléculaires et Supramoléculaires (ICBMS) – UMR CNRS 5246

UNIVERSITE DE LYON; UNIVERSITE CLAUDE BERNARD LYON 1; CNRS ; INSA-LYON; CPE-LYON

2, Rue Grignard
69622 Villeurbanne cedex FRANCE

<http://www.icbms.fr/mem2>

Tel : +33 4 27 46 57 21

leyre.brizuella-madrid@univ-lyon1.fr

Curriculum Vitae

Scientific and Professional Career

September 2013 to present

Associate Professor, Université LYON 1, France

January 2007 to August 2013

Post Doc, IPBS CNRS UMR 5089, Toulouse, France

Education

January 2002 to December 2006

PhD Biochemistry and Molecular Biology, Univ Basque Country, Spain.

October 1999 to June 2001

Master Biochemistry and Molecular Biology, Univ Basque country, Spain.

October 1996 to June 1999

Bsc Biology, Univ Basque country, Spain.

Main research interests

- **Sphingolipid and phospholipid metabolism, intracellular signalization**
- **Molecular mechanisms of ectopic pathological calcification (chronic kidney disease-related vascular calcification, spondylarthritis, prostate cancer derived bone metastasis)**
- **Search of new therapeutic targets based in sphingolipid and phospholipid metabolism**

Collaborations

- CNRS UPR 8241 LCC. Toulouse (France). Team "Medical chemistry in oncology" Dr Olivier Cuvillier
- CNRS UMR 8038 CitCOM. Paris (France). Team "Medical chemistry and translational research" Pr Ludovic Jean.
- CNRS UPR 3212. INCI. Strasbourg (France). Team "Membrane traffic in nervous system". Dr Nicolas Vitale
- INSERM U1033. LYOS. Lyon (France). Team "Lysophospholipids & bone physiopathology". Dr Olivier Peyruchaud
- INSERM U1060 INRA U1396. CARMEN. Lyon (France). Team "Ischemia-reperfusion syndromes"
- Nephrology department. Hôpital Sud. Lyon (France). Pr Denis Fouque and Solène Pelletier

Publications

Around 35 publications; H-index 17

Referee

ACS Applied Materials & Interfaces, Annals of Palliative Medicine, Archives of Surgery and Clinical Research, BIOCELL, Biomolecules, BMC Musculoskeletal disorders, BMC Rheumatology, Bone, Cancers, Cell communication and signaling, Cell death & disease, Cells, Clinical Case Reports Journal, Clinical Interventions in Aging, Discover Oncology, Endocrine & metabolism and immune disorders, FASEB journal, FEBS Open Bio, Frontiers in Immunology, Frontiers in Pharmacology of anti-cancer drugs, Immunobiology, International Journal of Molecular Sciences, Journal of Cancer Science and Clinical Oncology, Journal of Cellular Biochemistry, Journal of Cellular and Molecular Medicine, Journal of Cellular Physiology, Journal of Inflammation Research, Journal Mathematical Biosciences and Engineering, Journal of Multiple Sclerosis, Journal of Pediatric Genetics, Life, Lipids in Health and disease, Marine Drugs, Materials, Mini-Reviews in Medicinal Chemistry, OncoTargets and Therapy, Pharmaceutics, PLoS One, Prostaglandins, lipids & other mediators, Scientific reports, SpringerPlus, World Journal of Surgical Oncology.

“Call for Junior and Senior Research Projects of the Research Foundation Flanders (FWO)” (2019, 2020, 2021).
“Call for National Science Centre Poland (Pollonium)” (2020).

Invited editor « Extracellular vesicles in urogenital cancers » (december 2022), in Cancers journal (IF= 6,64).

Scientific memberships

Since 2021: *French society of nephrology, dialysis and transplantation (SFNDT).*

Since 2020: *European Calcified Tissus Society (ECTS), Société Française de Cardiologie (SFC).*

Since 2017: *Société Française de Rhumatologie (SFR).*

Since 2014: *Association de la Recherche sur les Tumeurs de Prostate (ARTP).*